Fig.1.

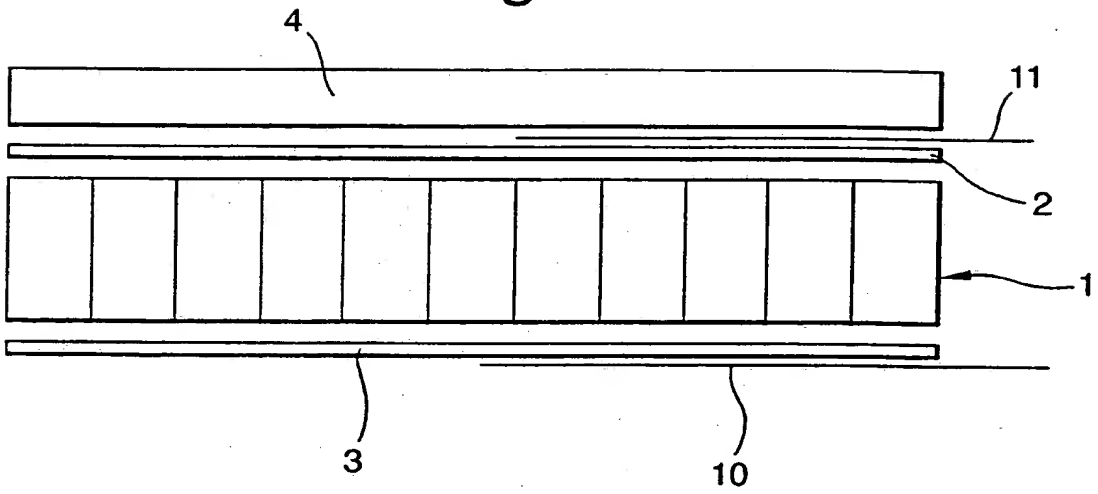

4
11
2
1
3
10

Fig.2.

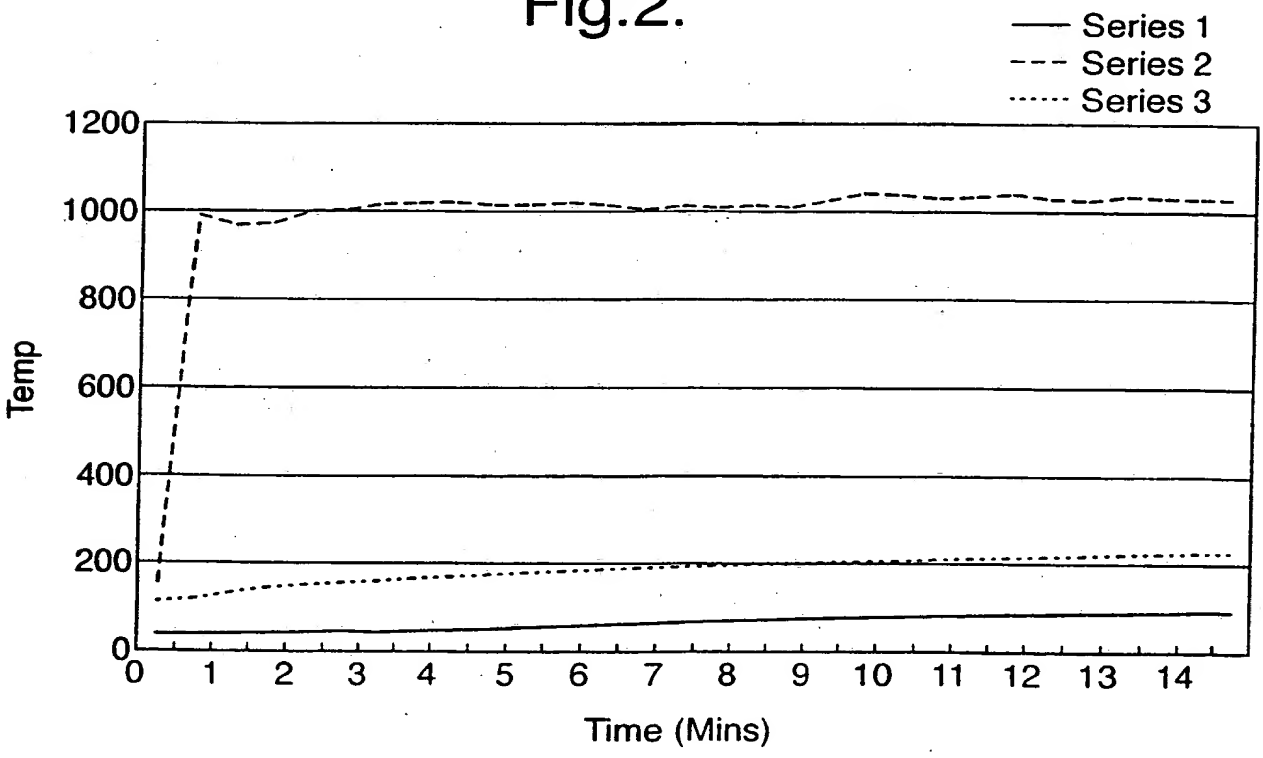

Series 1
Series 2
Series 3
1200
1000
800
600
400
200
0
Temp
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
Time (Mins)

Fig.3.

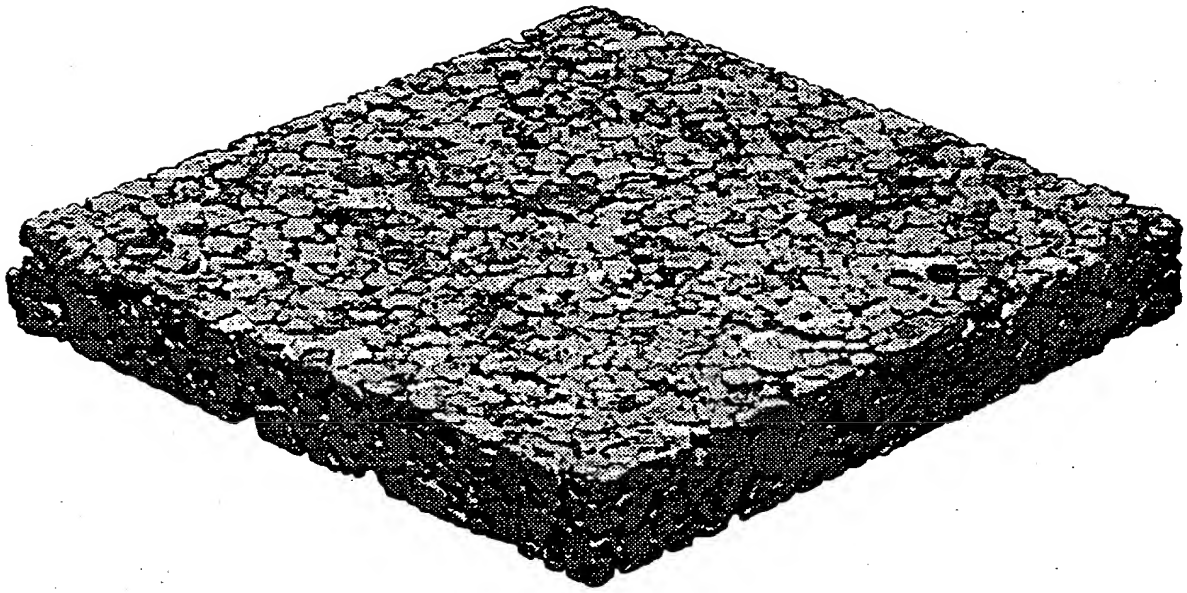
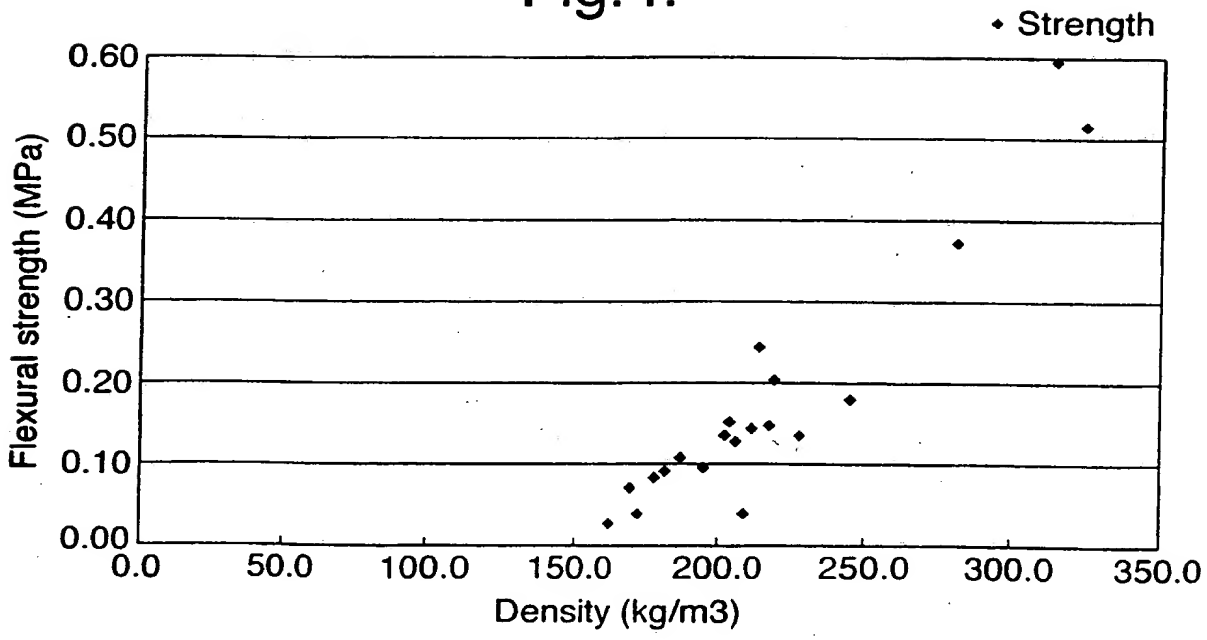

50mm

Fig.4.


Strength
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Flexural strength (MPa)
0.0
50.0
100.0
150.0
200.0
250.0
300.0
350.0
Density (kg/m3)